



U.S. Department
of Transportation

Federal Highway
Administration

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION:** LTPP Directive P-40,
WIM Smoothness Index Software to Evaluate SPS
Traffic Data Collection Polled Fund Project Sites

Date: May 9, 2005

From: Larry Wiser *Larry J. Wiser*
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Mark Gardner, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long Term Pavement Performance (LTPP) Program Monitoring Directive P-40: WIM Smoothness Index Software to Evaluate SPS Traffic Data Collection Polled Fund Project Sites. The WIM Smoothness Index Software, Version 1.0, September 10, 2004 and LTPP WIM Index Software Manual, Version 1.0, December 7, 2004 are released for immediate use in evaluating Phase I and II sites in the SPS Traffic Data Collection Pooled Fund Study. Please ensure that all personnel involved with WIM Smoothness evaluations are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3079.

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area:	Monitoring	Directive Number:	P-40
Date:	April 22, 2005	Supersedes:	N/A
Subject:	WIM Smoothness Index Software to Evaluate SPS Traffic Data Collection Pooled Fund Project Sites		

Effective immediately, the following software and manual are released for use in evaluating Phase I and II sites in the SPS Traffic Data Collection Pooled Fund Study:

- WIM Smoothness Index Software, Version 1.0, September 10, 2004
- LTPP WIM Index Software Manual, Version 1.0, December 7, 2004

Both the Phase I and Phase II contractors shall use the software to assess the smoothness of Weigh-in-Motion (WIM) approaches to determine if remedial work on the pavement surface near the WIM equipment is needed. In addition, the LTPP regional support contractors are encouraged to use the software's output in support of coordination efforts with highway agencies.

Questions concerning this directive should be addressed to the FHWA LTPP program office.

Prepared by: TSSC

Approved by:

A handwritten signature in blue ink, appearing to read "Aramis Lopez Jr.", written over the name and title.

Aramis López, Jr.
Team Leader, LTPP Operations